

Sequence Listing

<110> BIOBUD CO., LTD.

<120> THROMBIN-LIKE RECOMBINANT BATROXOBIN EXPRESSED BY PICHIA SP. AND
PRODUCTION METHOD THEREOF

<130> PCT03-069

<160> 3

<170> KopatentIn 1.71

<210> 1

<211> 231

<212> PRT

<213> Bothrops atrox moojeni

<400> 1

Val	Ile	Gly	Gly	Asp	Glu	Cys	Asp	Ile	Asn	Glu	His	Pro	Phe	Leu	Ala
1				5					10					15	

Phe	Met	Tyr	Tyr	Ser	Pro	Arg	Tyr	Phe	Cys	Gly	Met	Thr	Leu	Ile	Asn
				20				25					30		

Gln	Glu	Trp	Val	Leu	Thr	Ala	Ala	His	Cys	Asn	Arg	Arg	Phe	Met	Arg
			35					40				45			

Ile	His	Leu	Gly	Lys	His	Ala	Gly	Ser	Val	Ala	Asn	Tyr	Asp	Glu	Val
		50				55					60				

Val	Arg	Tyr	Pro	Lys	Glu	Lys	Phe	Ile	Cys	Pro	Asn	Lys	Lys	Lys	Asn
65					70				75						80

Val	Ile	Thr	Asp	Lys	Asp	Ile	Met	Leu	Ile	Arg	Leu	Asp	Arg	Pro	Val
				85				90						95	

Lys	Asn	Ser	Glu	His	Ile	Ala	Pro	Leu	Ser	Leu	Pro	Ser	Asn	Pro	Pro
			100					105					110		

Ser Val Gly Ser Val Cys Arg Ile Met Gly Trp Gly Ala Ile Thr Thr

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115	120	125
Ser Glu Asp Thr Tyr Pro Asp Val Pro His Cys Ala Asn Ile Asn Leu		
130	135	140
Phe Asn Asn Thr Val Cys Arg Glu Ala Tyr Asn Gly Leu Pro Ala Lys		
145	150	155 160
Thr Leu Cys Ala Gly Val Leu Gln Gly Gly Ile Asp Thr Cys Gly Gly		
165	170	175
Asp Ser Gly Gly Pro Leu Ile Cys Asn Gly Gln Phe Gln Gly Ile Leu		
180	185	190
Ser Trp Gly Ser Asp Pro Cys Ala Glu Pro Arg Lys Pro Ala Phe Tyr		
195	200	205
Thr Lys Val Phe Asp Tyr Leu Pro Trp Ile Gln Ser Ile Ile Ala Gly		
210	215	220
Asn Lys Thr Ala Thr Cys Pro		
225	230	

<210> 2
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> N-terminal primer

<400> 2
 ctcgagaaaa gagtcattgg aggtgatg

28

<210> 3
 <211> 41

Sequence Listing

<212> DNA

<213> Artificial Sequence

<220>

<223> C-terminal primer

<400> 3

ttcacgggca agtcgcagtt ttatttcctg caataatcgt c

41